

Recombinant Human ACACA protein, GST-tagged

Cat. No. ACACA-127H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACACA protein(NP_942131)(2260-2383 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2260-2383 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	LLEDLVKKKIHNANPELTDGQIQAMLRWFVEVEGTVKAYVWDNNKDLAEWLEKQL TEEDGVHVSIEENIKCISRDYVLKQIRSLVQANPEVAMDSIIHMTQHISPTQRAEVIRIL STM DSPST
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

Gene Name	ACACA acetyl-CoA carboxylase alpha [Homo sapiens]
Official Symbol	ACACA
Synonyms	ACACA; acetyl-CoA carboxylase alpha; ACAC, ACC, acetyl Coenzyme A carboxylase alpha; acetyl-CoA carboxylase 1; ACC1; acetyl CoA carboxylase 1; ACC-alpha; acetyl-Coenzyme A carboxylase alpha; ACC; ACAC; ACCA; ACACAD;
Gene ID	31
mRNA Refseq	NM_198834
Protein Refseq	NP_942131
MIM	200350
UniProt ID	Q13085

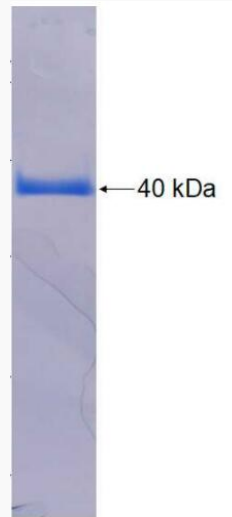
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SDS-PAGE



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